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By: [Signature] Printed: Margaret M. Hasson

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Au-Young et al.

Title: HUMAN CARBOHYDRATE-ASSOCIATED PROTEINS

Serial No.: 09/806,277

Filing Date:

To Be Assigned

Examiner: To Be Assigned

Group Art Unit:

To Be Assigned

Box PCT  
Commissioner for Patents  
Washington, D.C. 20231

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE  
AND AMENDMENT DIRECTING ENTRY INTO THE SPECIFICATION**

Sir:

This paper is in response to the Notification of Defective Response mailed on March 15, 2002 for which a response is due on April 15, 2002.

Applicants submit this amendment to request entry of the enclosed paper copy of the sequence listing from International Application Number PCT/US99/22685 into the above-identified U.S. national phase patent application.

Applicant(s) submit the document(s) listed below to complete the filing for the above-identified patent application.

1. A Substitute Computer Readable Form (CRF) of the "Sequence Listing" of the above-identified USN application;
2. Submission Under 37 CFR § 1.821 - 1.825 Sequence Listing (1 pg.);
3. A substitute paper copy of the "Sequence Listing" (21 pp.);
4. A copy of PTO form PCT/DO/EO/916 (371 Formalities Notice); and
5. A return receipt postcard.

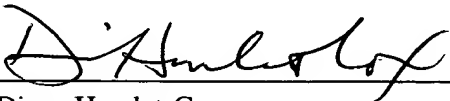
In the Notification, the Office of Initial Patent Examination has requested a replacement sequence listing and an amendment directing its entry into the specification – where it already exists and has since the initial PCT filing. These actions are not understood.

Applicant's do not believe a fee is due with this filing. However, if the Patent Office deems that a fee is due, please charge Deposit Account No. 09-0108.

If there are any questions regarding the above, the Examiner is invited to call the undersigned.

Respectfully submitted,  
INCYTE GENOMICS, INC.

Date: 15 April 2002



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MAR 25 2002



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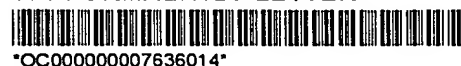
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/806,277	Janice Au-Young	PF-0604 USN

INTERNATIONAL APPLICATION NO.	
PCT/US99/22685	
I.A. FILING DATE	PRIORITY DATE
09/29/1999	10/01/1998

Incyte Genomics  
3160 Porter Drive  
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CONFIRMATION NO. 6623

371 FORMALITIES LETTER



\*OC000000007636014\*

Date Mailed: 03/15/2002

*Due 4/15/02*

**NOTIFICATION OF DEFECTIVE RESPONSE**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

**Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).**

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
  - A Request to Transfer dated 07 Jan 2002 has been received, but when the EPO is the Searching Authority, the applicant must provide a copy of a compact disc of the Sequence Listing.
  - APPLICANT MUST PROVIDE:
    - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.

- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase PatentIn Software, call (703) 306-2600
  - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN M WILLIAMS

Telephone: (703) 305-3688

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/806,277	PCT/US99/22685	PF-0604 USN

FORM PCT/DO/EO/916 (371 Formalities Notice)